

WHAT IS CLAIMED IS:

✓ 1. An external cavity laser for oscillating laser light through a connector, comprising:

a fiber Bragg grating section formed of an optical fiber having the Bragg wavelength of light reflected by a grating adjusted to a given wavelength;

a laser light emitting device designed to generate light, optically coupled to the fiber Bragg grating section to ensure input and output of the light, and including a reflective surface for reflecting the generated light;

a cavity formed including the laser light emitting device and the grating and designed to resonate the light between the reflective surface of the laser light emitting device and the grating, thereby oscillating a laser beam having a given oscillation wavelength;

a connector for outputting the light emitted from the cavity; and

intercepting means for intercepting reflected waves from the connector, the intercepting means being located on an optical path between the cavity and the connector.

2. The external cavity laser according to claim 1, wherein said fiber Bragg grating section is located on an optical path between the laser light emitting device and the connector, and said intercepting means is located on an optical path between the fiber Bragg grating section and the connector.

3. The external cavity laser according to claim 1, wherein said fiber Bragg grating section is located on an optical path situated on the opposite side of the laser light emitting device from the connector, and said intercepting means is located between the laser light emitting device and the connector.

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